

Substitute Specification

CLAIMS

I claim:

1. (Currently amended) A filter for a water purifier, said water purifier being comprised of a head defined by a guide passage for fluid introduced into said head through an inlet port , an outlet port discharging purified fluid to an outside thereof, and a filter body threadedly locked to said head and said guide passage into which the fluid flows through, said guide passage being in communication with said inlet port of said head, the fluid flowing therein, purified fluid being transferred to said outlet port of said head, said filter comprising:

fluid flow interruption means comprising an elastic spring;

a fluid flow interrupter disposed in said guide passage in communication with said inlet port, having a fluid guide rod formed at one end of said fluid flow interrupter and an opening and closing body connected at one end thereof to a fluid guide rod, said opening and closing body having a diameter gradually decreasing in a downward direction around which an O-ring is fitted and forming an opening and closing projection from another end thereof, said fluid flow interrupter controllably engaging opening and closing said guide passage by force of said elastic spring, said head and filter body being coupled to and un-coupled from each other; and

at least one through-hole on an upper end of said filter body , fluid having passed through said guide passage in communication with said inlet port flowing through said through-hole into said filter body,

wherein said guide passage has a hollow cylindrical protuberance formed at another end thereof, said hollow cylindrical protuberance having an inner diameter greater than an outer diameter

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of said fluid guide rod of said fluid flow interrupter, said other end of said guide passage having an inner diameter gradually decreasing in a downward direction, said elastic spring having one end through which said fluid guide rod of said fluid flow interrupter is inserted and another end being fitted around said hollow cylindrical protuberance.

2. (Currently amended) The filter set forth in claim 1, further comprising:

a bracket having one end coupled to an outer surface of said head and another end fastened to a wall.